

Claim 1-7 (Canceled)

a process for dispersing magnetic fine particles surrounded by a non-metal film in a medium;

a process for coating said medium on top of an insulating film;

a process for heat treating and solidifying said medium.

Claim 9 (Original): A manufacturing method for a magnetic thin film as described in Claim 8, wherein:

said medium is a non-photosensitive resin solution or a photosensitive resin solution.

Claim 10 (Currently Amended): A manufacturing method for a magnetic thin film, comprising:

a process for dispersing magnetic fine particles surrounded by a non-metal film in a medium;

a process for coating said medium on top of an insulating film;

a process for heat treating, evaporating, and removing said medium.

Claim 11 (Original) A manufacturing method for a magnetic thin film as described in
Claim 10, wherein:

said medium is toluene.

Claim 12-14 (Canceled)

a process for forming said third magnetic thin film on top of a semiconductor substrate via an insulating film;

a process for forming a spiral-shaped thin film conductor on top of said third magnetic thin film;

a process for forming said third magnetic thin film in spaces in said spiral-shaped thin film conductor;

a process for forming said fourth magnetic thin film on top of said thin film conductor and said third thin film.

Claims 18-31 (Canceled)